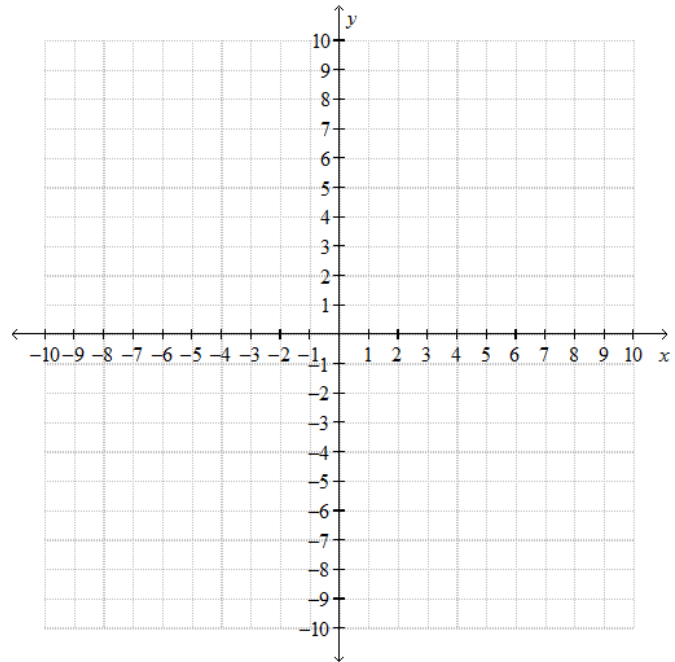


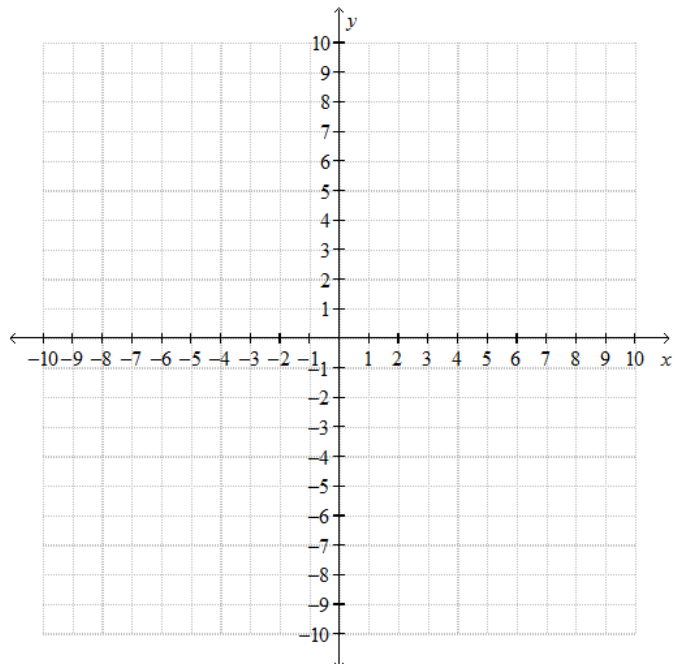
Grade 7/8 Math **Drawing Circles and Triangles Practice Test**

Name: _____ Class: _____ Date: _____

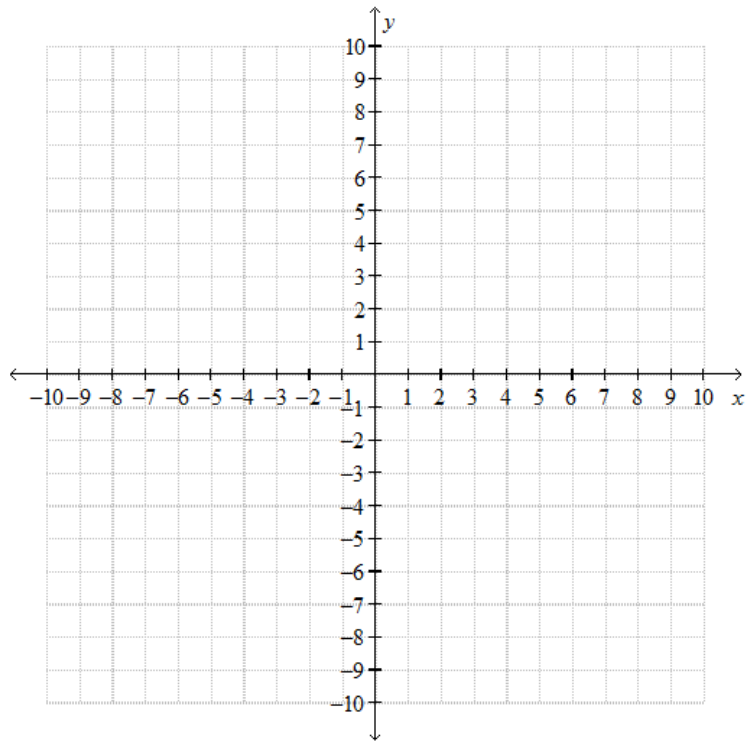
1. Draw a circle with a radius of 5 units with a centre at point (3, 4).



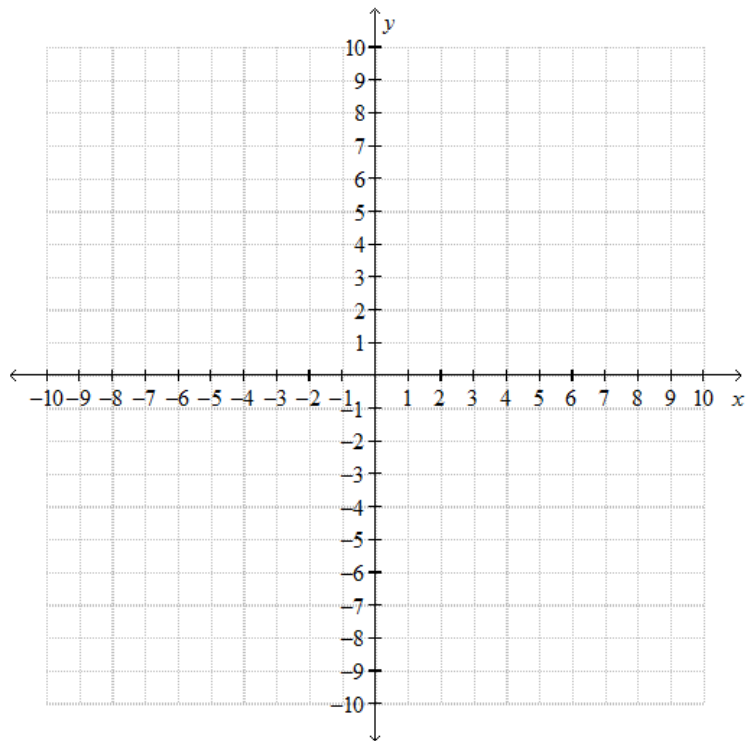
2. Draw a circle with a diameter of 10 units with a centre at point (-4, -3).



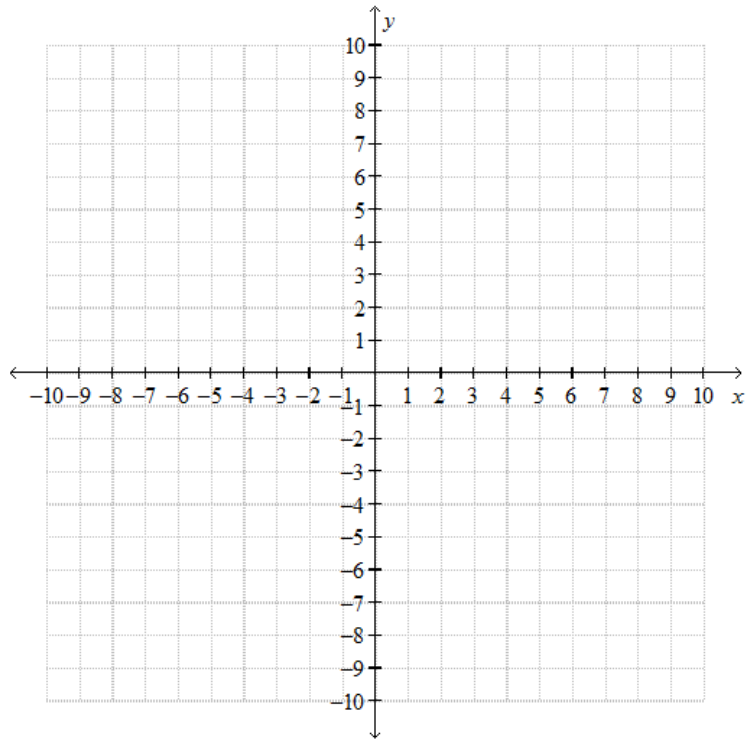
3. Draw a circle with a circumference of 31.4 units with a centre at point (5, -5).



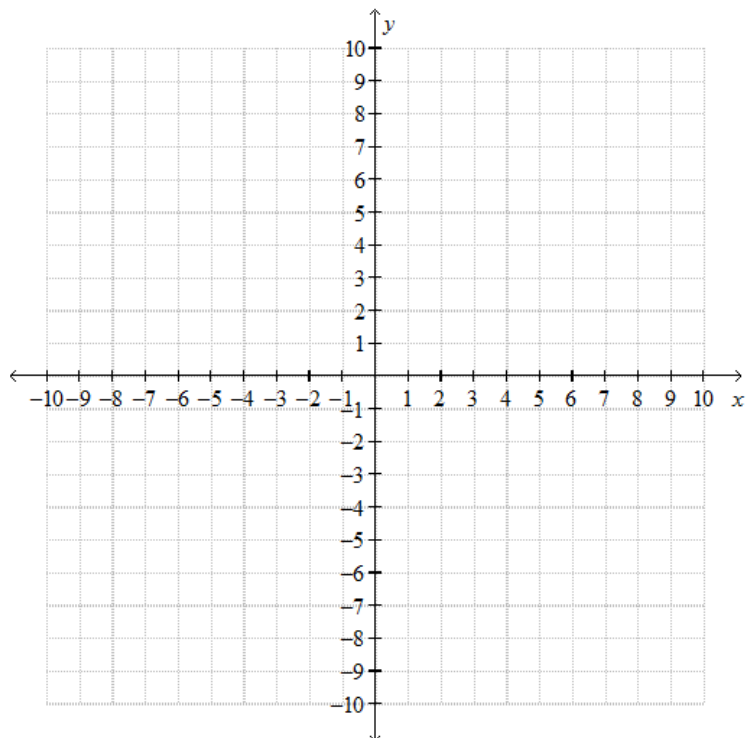
4. Draw a circle with an area of 254.34 units² with a centre at point (0, 1).



5. Draw a scalene right triangle ABC with a base that is 12 units long and has a vertex at $(-6, -5)$ and the two other sides are 9 units and 15 units. Measure and label all angles and sides.



6. Draw an equilateral triangle PQR with a side length of 10 units and one vertex that is on $(-5, -5)$. Measure and label all angles and sides.



7. Draw a triangle XYZ using Side, Side, Side with sides that are 12.5 cm, 7.5 cm, and 10 cm. Measure and label all angles and sides.

8. Create a triangle EFG that has a base of 10 cm. A left angle of 62° and an angle on the right of 28° . Measure and label all angles and sides.